The Tech Engineering News

Volume XI

INDEX

February, 1930 — January, 1931

Subject and Author	*Month*	*Page*
A		
Aeronautical Engineering, New Electives in Joseph G. Newell '19	May	138
Air Conditioning Arrives for the Passenger Train. J. H. Davis	Nov.	226
Aircraft Engine, Diesel Capt. L. M. Woolson	May	134
Aircraft Industry, American Edward P. Warner '17	May	127
Airline, Commercial Operation Fred Goodcell	May	131
Amson, A. Construction of Foundations for Tall Buildings	Feb.	10
Armstrong, Edward R. The Seadrome	May	128
Aviation Pictorial Section	May	139
Automobile Aerodynamics Felix W. Pawlowski	Jan.	293
B		
Barnes, Gladeon M. Big Guns	April	87
Berghell, Alfred B. '32 The Zeiss Planatarium	May	132
The James Means Memorial Prize Essay	Feb.	6
Big Guns Gladeon M. Barnes	April	87
Bond, Horatio Fires and Engineering	Oct.	184
Bridge, Construction Features of the Hudson River Bridge Montgomery B. Case and Donald G. Fink '33	Oct.	182
Buildings, Construction of Foundations for Tall A. Amson	Feb.	10
C		
Case, Montgomery B. Construction Features of the Hudson River Bridge	Oct.	182
Chase, Herbert Multispeed Gear Transmissions	Jan.	295
Chemical Engineering Practice, School of William Patrick Ryan '18	May	142
Ceramics Industry, A Glimpse of F. H. Norton '18	Feb.	8
Chemistry Departmental Notes	Oct.	196
Civil and Sanitary Engineering Departmental Notes	Nov.	232
Connolly, Major Joel I. The Engineer Guards the Health of the City	Dec.	257
D		
Dahl, O. G. C. '21 The Locomotive Goes to Sea	Nov.	224
Davis, J. H. Air Conditioning Arrives for the Passenger Train	Nov.	226
de Florez, Luis The Design of a Petroleum Still	March	52
Diesel Aircraft Engine, The Capt. L. M. Woolson	May	134
Dunnell, Jacob Speed Boat Design	Jan.	298
E		
Electrical Engineering Departmental Notes	April	98
Electrical Prospecting Allen A. Rogers '90	Nov.	218
Emerson, Prof. William Faculty Sketch	March	55
English and History Departmental Notes	March	58
Essay, James Means Memorial Prize Alfred B. Berghell '32	Feb.	6
Electrification, D. C. Railway T. T. Maxey		300

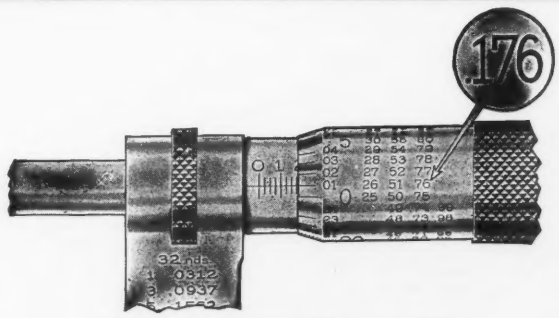
Subject and Author	*Month*	*Page*
F		
Factories, Windowless John W. Hill	Dec.	264
Fatigue, Laws of, in Racing Arthur E. Kennelly	Feb.	12
Fink, Donald G. '33 Construction Features of Hudson River Bridge	Oct.	182
Fires and Engineering Horatio Bond '25	Oct.	184
Fitzgerald, Norman '31 Gasoline	Jan.	303
Flying Boat, Construction of an All-metal G. Garner Green and F. R. Shanley	May	136
Fog Research at Round Hill James J. Rowlans	March	49
Fossils of Eastern Massachusetts Hervey W. Shimer	Nov.	222
Francis, Bion H. '29 Two-way Television	Oct.	180
Frazier, Richard H. '23 The Honors Group Plan	April	85
G		
Gasoline Norman Fitzgerald '31	Jan.	303
Gear Transmissions, Multispeed Herbert Chase	Jan.	295
Geology Departmental Notes	May	144
Goldbeating—an Art F. W. Rauskolb II '31	March	50
Goodcell, Fred Commercial Airline Operation	May	131
Gotshall, Major William C. Reflections of an Engineering Experience	Oct.	177
Gow, Charles R. The Road to Success	Oct.	181
Green, G. Garner Construction of an All-metal Flying Boat	May	136
Guns, Big Gladeon M. Barnes	April	87
H		
Health of the City, The Engineer Guards the Major Joel I. Connolly	Dec.	257
Hill, John W. Windowless Factories	Dec.	264
Honors Group Plan, The Richard H. Frazier '23	April	85
Hutchinson, Wm. Spencer Faculty Sketch	Jan.	310
I		
Iselin, Columbus The New Oceanographic Institute	Jan.	296
J		
Jackson, Prof. Dugald C. Faculty Sketch	Dec.	267
K		
Kania, Joseph E. A. '30 Lode Mining	Nov.	227
Kennelly, Arthur E. Laws of Fatigue in Racing	Feb.	12
L		
Light, Modern Concepts of Hans Muller	Feb.	5
Lighter-than-Air Craft Paul G. Wilson	May	130
Linoleum, Modern Manufacture M. E. Wade	Dec.	260

INDEX—*Continued*

Subject and Author	*Month*	*Page*
L		
Locomotive Goes to Sea O. G. C. Dahl '21	Nov.	224
Locomotive, The Modern Paul T. Warner	Nov.	220
Lode Mining Joseph E. A. Kania '30	Nov.	227
Lucas, Francis F. The Ultra-Violet Microscope	Oct.	186
M		
Mangelsdorf, Theodore A. Hydrogenation of Petroleum Oils	Oct.	179
Mann, Horace T. '25 Transportation of Oil	March	47
Mathews, John A. The Age of Alloy Steels	Nov.	217
Maxey, T. T. D. C. Railroad Electrification	Jan.	300
Mechanical Engineering Departmental Notes	March	58
Meterological Research Carl-Gustaf Rossby	May	135
Mining and Metallurgy Departmental Notes	Feb.	18
Muller, Hans Modern Concepts of Light	Feb.	5
N		
Newell, Joseph G. '19 New Electives in Aeronautical Engineering	May	138
Norton, F. H. '18 A Glimpse of the Ceramics Industry	Feb.	8
O		
Oceanographic Institute, The New Columbus Iselin	Jan.	296
Oil, Transportation of Horace T. Mann '25	March	47
Owen, George '94 Yacht Racing	April	92
P		
Pawlowski, F. W. Automobile Aerodynamics	Jan.	293
Petroleum Oils, Hydrogenation of Theodore A. Mangelsdorf '26	Oct.	179
Petroleum Still, Design of a Luis de Florez	March	52
Physics Departmental Notes	Dec.	270
Planetarium, Zeiss Alfred B. Berghell '32	May	132
Porter, L. C. Sunlamps for Health Building	Dec.	262
Prescott, Prof. Samuel C. Faculty Sketch	April	95
R		
Rauskolb, F. W. II '31 Goldbeating—an Art	March	50
Reflections of an Engineering Experience Major William C. Gotshall	Oct.	177
Rogers, Allen A. '90 Electrical Prospecting	Nov.	218
Rossby, Carl Gustaf Meterological Research	May	135
Round Hill Experimental Station Julius A. Stratton '23	May	137
Rowlands, James J. Fog Research at Round Hill	March	49
Ryan, W. P. '18 School of Chemical Engineering Practice	May	142
S		
Seadrome, The Edward R. Armstrong	May	128
Shanley, F. R. The Construction of an All-metal Flying Boat	May	136
Shimer, Hervey W. Fossils of Eastern Massachusetts	Nov.	222
Speed Boat Design Jacob Dunnell	Jan.	298
Steels, Age of Alloy John A. Mathews	Nov.	217
Stock Market, The Engineer and E. R. Wheeler '17	April	90
Stratton, Julius A. '23 Round Hill Experimental Station	May	137
Success, The Road to Charles R. Gow	Oct.	181
Sulphur W. L. Whitehead '13	Dec.	258
Sunlamps for Health Building L. C. Porter	Dec.	262
T		
Taylor, Charles Fayette Faculty Sketch	Nov.	229
Television, Two-way Bion H. Francis '29	Oct.	180
Tucker, Prof. Ross F. Faculty Sketch	Feb.	15
U		
Ultra-Violet Microscope, The Francis F. Lucas	Oct.	186
W		
Wade, M. E. Modern Linoleum Manufacture	Dec.	260
Warner, Edward P. '17 The American Aircraft Industry	May	127
Warner, Paul T. The Modern Locomotive	Nov.	220
Wheeler, E. R. '17 The Engineer and the Stock Market	April	90
Whitehead, W. L. '13 Sulphur	Dec.	258
Wilson, Paul G. Lighter-than-Air Craft	May	130
Woolson, Capt. L. M. The Diesel Aircraft Engine	May	134
Y		
Yacht Racing George Owen '94	April	92

LUFKIN TOOLS

Outstanding in their field by reason of unexcelled accuracy and valuable new features. The illustration shows one notable improvement in Micrometer markings—the Direct Indicating Micrometer



Write us for Tool Catalogue or catalogue of

TAPES and RULES

THE LUFKIN RULE CO.
SAGINAW, MICHIGAN
106 LAFAYETTE STREET, NEW YORK CITY

THE KENDALL PRINTING CO., CAMBRIDGE, MASS.